

CONSTRUCTION EQUIPMENT EXCAVATOR FC241C 110075 - DIESEL ENGINE



Sample No: VCE099908

Oil Type: VOLV

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

VOLVO					
SAMPLE II	FORMATION				
Sample Number	-	VCE099908	VCE098275		
Sample Date		23 Dec 2019	05 Jun 2015		
Machine Hours		12155	4550		
Dil Hours		500	0		
Oil Changed		Changed	N/A		
Sample Status		ABNORMAL	NORMAL		
OIL CONDI	TION				
/isc @ 40°C	cSt	<u>.</u>	151		
/isc @ 100°C	cSt	<mark>▲</mark> 9.8	18.0		
Viscosity Index (VI)	Scale		132		
Dxidation (PA)	%	37	114		
VOLVO					
🤍 Contamii	NATION				
Soot %	%	0.4	0.3		
Nitration (PA)	%	59	106		
Sulfation (PA)	%	54	83		
Glycol	%	NEG	0.0		
uel	%	0.0	< 1.0		
ilicon	ppm	3	5		
Sodium	ppm	0	3		
otassium	ppm	1	6		
VOLVO	TAIC				
VEAR ME	IALS			-	
ron	ppm	20	29		
Copper	ppm	3	2		
ead	ppm	 <1	6		
īn	ppm	■<1	2		
Aluminum	ppm	∎1	3		
Chromium	ppm		1		
Molybdenum	ppm	3	24		
lickel	ppm	■<1	□ <1		
ītanium	ppm	 <1	 <1		
Silver	ppm	0	0		
Manganese	ppm	■<1	<1		
/anadium	ppm	0	0		
	5				
Calcium	ppm	1284	3042		
Magnesium	ppm	27	184		
Zinc	ppm	760	1632		
Phosphorus	ppm	658	1420		
Barium	ppm	□ <1	□ <1		
		24	53		



STRONGCO EQUIPMENT INC. - MOUNT PEARL

54 GLENCO DRIVE MOUNT PEARL, NL CA A1N 4S9 Contact: Jeff Hillier hillier@strongco.com T: (709)747-4026 F: (709)747-4059

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot:STRMOUUnique No:4990495Signed:Kevin MarsonReport Date:14 Jan 2020

Report Id: STRMOU [WCAMIS] 02331189 (Generated: 09/28/2023 09:09:39) Rev: 1

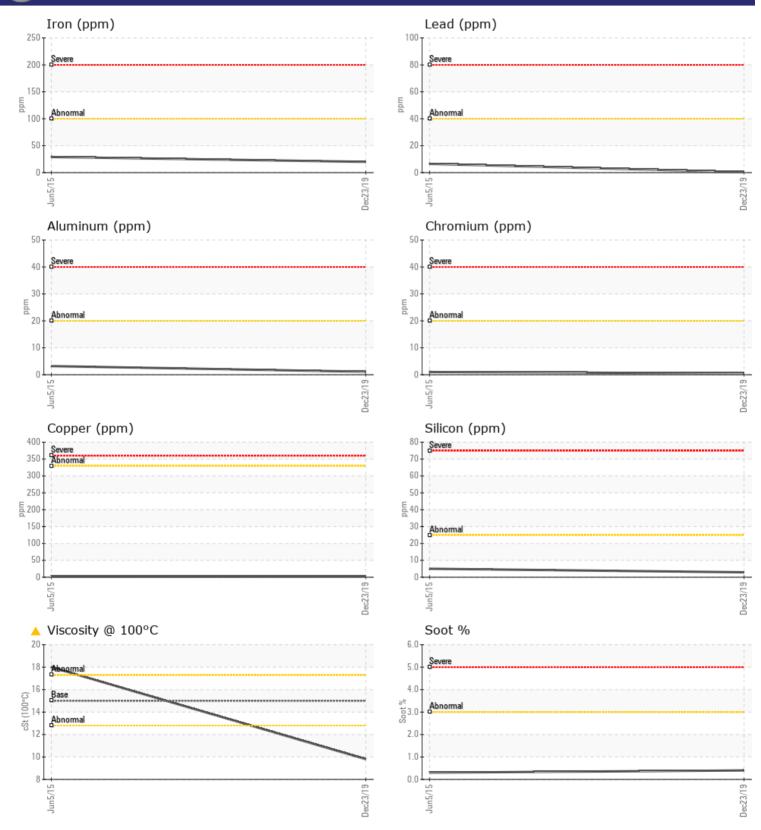
Contact/Location: Jeff Hillier - STRMOU

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Jeff Hillier - STRMOU